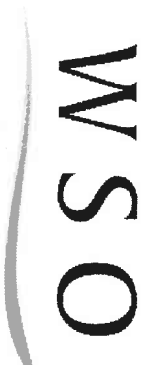


# Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 9/18/2019

## Water Supplier

Supplier Name: Soquel Creek Water District

Supplier Participants: Alyssa Abbey, Christine Mead, Valerie Spough, Leslie Strohm, and Greg Wilson

## Key Audit Metrics

Data Validity Score: 60

ILI: 0.73

Real Loss: 11.7 gal / conn / day

Apparent Loss: 2.4 gal / conn / day

Non-Revenue Water as Percent of Cost of Operating System: 1.5%

## Validator

Validator: Kim Manago,  
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from the AWWA California Nevada Section

## Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name:

Soquel Creek Water District

Water Supplier Public Water System ID:

CA4410017

Water Audit Period:

CY 2018

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

To increase data source accuracy in 2018, the Estates well raw flow meter was repaired and calibrated and a new raw flow meter was installed at Seascope well. To reduce water lost by real losses, design work for two main replacements on Soquel and Haas Drives began. To reduce apparent losses, a high volume 8 inch meter was replaced at New Brighton State Beach and many old compound meters 2 inch to 4 inch were replaced with octave meters as part of an ongoing replacement of old compound services. New registers were also installed on customer meters with AMR register failures.

### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Ron Duncan

Executive Position:

General Manager

Signature:



Date

September 24, 2019